



**United States Environmental Protection Agency
Region 9 Laboratory**

1337 S. 46th Street Building 201
Richmond, CA 94804

MAR 22 2007

Subject: Analytical Testing Results - Project R07S28

SDG: 07073A

From: Brenda Bettencourt, Director
EPA Region 9 Laboratory
MTS-2

A handwritten signature in black ink, appearing to read "B. Bettencourt", is written over the printed name and title.

To: Chris Lichens
Site Cleanup Section 4
SFD-7-4

Attached are the results from the analysis of samples from the **Omega Chemical OU2 Winter 2007 IDW Profiling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this

Solids, Dry Weight
TPH - Extractable

TPH - Extractable
TPH - Purgeable



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Phone: (510) 412-2300 Fax: (510) 412-2302

Project Manager: Chris Lichens	Site Cleanup Section 4	SDG: 07073A
Project Number: R07S28	75 Hawthorne Street	Reported: 03/21/07 16:30
Project: Omega Chemical OU2 Winter 2007 IDW Profiling	San Francisco CA, 94105	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC2-MW25IDW-S-0-448	0703036-02	Soil	03/13/07 13:10	03/14/07 10:02



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Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Soil - Sampled: 03/13/07 13:10								
Purgeable Petroleum Hydrocarbons by EPA Method 8015B								
Lab ID: 0703036-02								
Sample ID: OC2-MW25IDW-S-0-448								
TPH as Gasoline	ND	J, Q4, U	5.4	mg/kg dry	B7C0083	03/14/07	03/16/07	8015B/SOP380
Surrogate: a,a,a-Trifluorotoluene	12.2		91 %	70-130%	"	"	"	
TPH as Diesel	ND	J, Q4, U	21	"	B7C0079	03/14/07	03/16/07	8015B/SOP385
TPH as Motor Oil	ND	U	83	"	"	"	"	8015B/SOP385
Surrogate: Hexacosane (C26)	18.6		89 %	70-130%	"	"	"	
% Solids	75		0	%	B7C0088	03/14/07	03/15/07	% calculation



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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Prepared: 03/14/07 Analyzed: 03/16/07

Batch B7C0079 - 3545 ASE/PFE - TPH - Extractable

Extractable Petroleum Hydrocarbons by EPA Method 8015B - Quality Control

Blank (B7C0079-BLK1)

TPH as Diesel	ND	U	5.0	mg/kg wet						
TPH as Motor Oil	ND	U	20	"						
Surrogate: Hexacosane (C26)	5.03			"	5.15		98	70-130		

LCS (B7C0079-BS1)

TPH as Diesel	35.8		5.0	mg/kg wet	51.4		70	70-130		
Surrogate: Hexacosane (C26)	4.61			"	5.14		90	70-130		

LCS (B7C0079-BS2)

TPH as Diesel	39.7		5.0	mg/kg wet	51.5		77	70-130		
Surrogate: Hexacosane (C26)	4.82			"	5.15		94	70-130		

Matrix Spike (B7C0079-MS1)

Source: 0703036-02

TPH as Diesel	145		20	mg/kg dry	202	ND	72	70-130		
Surrogate: Hexacosane (C26)	18.8			"	20.2		93	70-130		

Matrix Spike Dup (B7C0079-MSD1)

Source: 0703036-02

TPH as Diesel	95.4	Q4	21	mg/kg dry	205	ND	47	70-130	41	25
Surrogate: Hexacosane (C26)	13.0	Q7		"	20.5		63	70-130		

Prepared: 03/14/07 Analyzed: 03/16/07

Batch B7C0083 - 5035 BTX/TPHG - TPH - Purgeable

Purgeable Petroleum Hydrocarbons by EPA Method 8015B - Quality Control

Blank (B7C0083-BLK1)

TPH as Gasoline	ND	U	5.0	mg/kg wet						
Surrogate: a,a,a-Trifluorotoluene	12.7			"	12.5		102	70-130		

LCS (B7C0083-BS1)

TPH as Gasoline	69.0		5.0	mg/kg wet	80.0		86	70-130		
Surrogate: a,a,a-Trifluorotoluene	13.5			"	12.5		108	70-130		

Matrix Spike (B7C0083-MS1)

Source: 0703036-02

TPH as Gasoline	62.5	Q4	5.7	mg/kg dry	92.0	ND	68	70-130		
Surrogate: a,a,a-Trifluorotoluene	13.3			"	14.4		92	70-130		

Matrix Spike Dup (B7C0083-MSD1)

Source: 0703036-02

TPH as Gasoline	76.9	Q4	7.1	mg/kg dry	113	ND	68	70-130	0	25
Surrogate: a,a,a-Trifluorotoluene	16.2			"	17.7		92	70-130		



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75 Hawthorne Street

Reported: 03/21/07 16:30

Project: Omega Chemical OU2 Winter 2007 IDW
Profiling

San Francisco CA, 94105

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch B7C0088 - Solids, Dry Weight
(Prep) - Solids, Dry Weight
Blank (B7C0088-BLK1)**

Prepared: 03/14/07 Analyzed: 03/15/07
Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

% Solids	ND	U	0	%
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Qualifiers and Comments

- Q7 Surrogate spike recoveries for this sample were outside control limits.
- Q4 The matrix spike and/or matrix spike duplicate associated with this sample did not meet recovery criteria for this analyte (see MS/MSD results for this batch in QC summary)
- J The reported result for this analyte should be considered an estimated value.
- U Not Detected
- NR Not Reported